

DOCKET NO.: NOVA-0076

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Michael S. Dobres, Aidyn Mouradov, and
Hong Zhang

Serial No.: 09/911,588

Group Art Unit: not yet assigned

Filing Date: July 24, 2001

Examiner: not yet assigned

For: Transformation of Plants by Electroporation of Cultured Explants

DATE OF DEPOSIT: December 20, 2001
I HEREBY CERTIFY THAT THIS PAPER IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL
SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID ON
THE DATE INDICATED ABOVE AND IS ADDRESSED TO
THE ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, DC 20231.

Patrick J. Farley
Patrick J. Farley, Ph.D.
REGISTRATION NO.: 42,524

Dear Sir:

ASSIGNEE POWER OF ATTORNEY

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from name of Woodcock Washburn LLP attorney(s) as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

NovaFlora, Inc.

By: Michael S. Dobres
Michael S. Dobres, Ph.D.

Title: President and CEO

Date: 1/24/01

DOCKET NO.: NOVA-00006

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

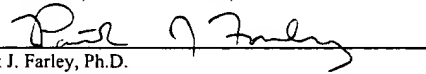
Michael S. Dobres, Aidyn Mouradov, and
Hong Zhang

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TRADEMARKS, WASHINGTON, DC 20231.


Patrick J. Farley, Ph.D.
REGISTRATION NO.: 42,524

Box DSD
Commissioner for Patents and Trademarks
Washington DC 20231

**POWER OF ATTORNEY
AND CERTIFICATE UNDER 37 CFR 3.73(b)**

The undersigned, assignee of the entire interest in the above-identified application,
hereby appoints the attorneys listed below of the firm of WOODCOCK WASHBURN LLP,
One Liberty Place - 46th Floor, Philadelphia, Pennsylvania, 19103, as attorneys for applicant,
with full power of substitution and revocation, to prosecute this application, to make
alterations and amendments therein, to receive the patent, and to transact all business in the
Patent and Trademark Office connected therewith.

Richard E. Kurtz
Dale M. Heist
John W. Caldwell

Registration No. 19,263
Registration No. 28,425
Registration No. 28,937

Gary H. Levin
Steven J. Rocci
Dianne B. Elderkin

Registration No. 28,734
Registration No. 30,489
Registration No. 28,598

John P. Donohue, Jr.	Registration No. 29,916	Joseph R. Condo	Registration No. 42,431
Henrik D. Parker	Registration No. 31,863	Michael K. Jones	Registration No. 41,100
Suzanne E. Miller	Registration No. 32,279	Frank T. Carroll	Registration No. 42,392
Lynn B. Morreale	Registration No. 32,842	Eric H. Vance	Registration No. 47,151
Mark DeLuca	Registration No. 33,229	Peter M. Ullman	Registration No. 43,963
Joseph Lucci	Registration No. 33,307	Thomas E. Watson	Registration No. 43,243
Michael P. Dunnam	Registration No. 32,611	Richard B. LeBlanc	Registration No. 39,495
Michael D. Stein	Registration No. 34,734	Joseph D. Rossi	Registration No. 47,038
Albert J. Marcellino	Registration No. 34,664	Rosaleen P. Morris	Registration No. 47,321
David R. Bailey	Registration No. 35,057	George J. Awad	Registration No. 46,528
Doreen Yatko Trujillo	Registration No. 35,719	Steven D. Maslowski	Registration No. 46,905
Barbara L. Mullin	Registration No. 38,250	S. Maurice Valla	Registration No. 43,966
Kevin M. Flannery	Registration No. 35,871	Vincent J. Roccia	Registration No. 43,887
Michael P. Straher	Registration No. 38,325	Robin S. Quartin	Registration No. 45,028
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Lynn A. Malinoski	Registration No. 38,788	Susan C. Murphy	Registration No. 46,221
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Michael J. Bonella	Registration No. 41,628	Ellen M. Klann	Registration No. 44,836
Harold H. Fullmer	Registration No. 42,560	Andrew J. Hagerty	Registration No. 44,141
John E. McGlynn	Registration No. 42,863	Emma R. Dailey	Registration No. P48,491
Jonathan M. Waldman	Registration No. 40,861	Stephen C. Timmins	Registration No. P48,481
Chad Ziegler	Registration No. 44,273	Erich M. Falke	Registration No. P49,049
Gwilym J.O. Attwell	Registration No. 45,449	Jane Smith Ingelese	Registration No. P48,444
David N. Farsiou	Registration No. 44,104	Janet E. Reed	Registration No. 36,252
Paul K. Legaard	Registration No. 38,534	Scott E. Scioli	Registration No. 47,930
Steven H. Meyer	Registration No. 37,189	Lawrence A. Aaronson	Registration No. 38,369
Paul B. Milcetic	Registration No. 46,261	John A. Harrelson	Registration No. 42,637

Send all future correspondence and address all telephone calls to:

Patrick J. Farley, Ph.D.
WOODCOCK WASHBURN LLP
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone: (215) 568-3100

☐ A Statement under 37 C.F.R. §3.73(b) and copies of relevant documents accompany this Revocation of Power of Attorney.

STATEMENT UNDER 37 C.F.R. §3.73(b)

NovaFlora, Inc., a Pennsylvania corporation,

states that it is:

☒ the assignee of the entire right, title, and interest; or

☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above.

☐ 1. The assignment was recorded in the Patent and Trademark Office at Reel ____,
Frame(s) ____.

☒ 2. The assignment has not yet been recorded, but it is being filed for recording
the same day as this statement. A copy of the assignment is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above,
to the current assignee as shown below:

From: _____ To: _____ The document was recorded in the Patent and
Trademark Office at Reel ____, Frame(s) ____, or for which a copy thereof is
attached.

From: _____ To: _____ The document was recorded in the Patent and
Trademark Office at Reel ____, Frame(s) ____, or for which a copy thereof is
attached.

From: _____ To: _____ The document was recorded in
the Patent and Trademark Office at Reel ____, Frame(s) ____, or for
which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental
sheet.

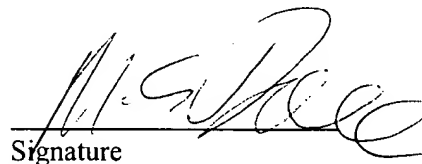
☐ Copies of assignments or other documents in the chain of title are
attached.

DOCKET NO.: NOVA-0076

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PATENT

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

A handwritten signature in black ink, appearing to read "M. S. Dobres", written over a horizontal line.

Signature

Name: Michael S. Dobres, Ph.D.

Title: President and CEO

Date:

11/24/01

(Pending Application;
Serial No. 09/911,588)ASSIGNMENT

WHEREAS, we **Michael S. Dobres, Aidyn Mouradov, and Hong Zhang**, hereinafter referred to as the assignors, residing respectively at **1905 Rodman Street, Philadelphia, Pennsylvania 19146; Erich-Heckel-Str. 8, 50933, Koln, Germany; and 29 Marion Court, Upper Darby, Pennsylvania 19082** are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. 09/911,588, filed **July 24, 2001**, entitled **Transformation of Plants by Electroporation of Cultured Explants**; and

WHEREAS, **NovaFlora, Inc.** hereinafter referred to as the assignee, of **3401 Market Street, Suite 350, Philadelphia, Pennsylvania 19104**, a corporation of **Pennsylvania**, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign



applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

11/28/01

Date

Michael S. Dobres (L.S.)

STATE OF Pennsylvania : SS
COUNTY OF Philadelphia

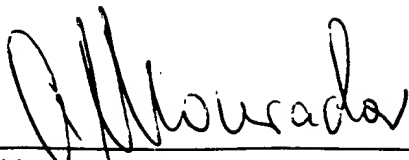
On this 28th day of November, year of 2001, before me personally came the above named Michael S. Dobres to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Maryann D. Mason
Notary Public

Notarial Seal
Maryann D. Mason, Notary Public
Philadelphia, Philadelphia County
My Commission Expires Mar. 15, 2004
Member, Pennsylvania Association of Notaries



Cologne, 18 th October 2001
Date


Aidyn Mouradov (L.S.)

STATE OF _____ :
COUNTY OF _____ : SS

On this _____ day of _____, year of _____, before me personally came the above named _____ to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

11/28/01
Date

[Signature]
Hong Zhang (L.S.)

STATE OF Pennsylvania:
COUNTY OF Philadelphia: SS

On this 28th day of November, year of 2001, before me personally came the above named Hong Zhang to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

[Signature]
Notary Public
Notarial Seal
Maryann D. Mason, Notary Public
Philadelphia, Philadelphia County
My Commission Expires Mar. 15, 2004
Member, Pennsylvania Association of Notaries



File No. 1872/2001



I hereby certify that the signature on page three is the true, subscribed in my presence, of:

Mr Aidyn Mouradov, born on June 15th 1954, residing at Erich-Heckel-Straße 8 in 50933 Cologne, Germany,

identified by his australian passport.

Cologne, October 18th 2001

(Grutkowski)
notary public

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Land: Bundesrepublik Deutschland

Diese öffentliche Urkunde

2. ist unterschrieben von

Wolfgang Grutkowski

3. in seiner Eigenschaft als Notar

4. sie ist versehen mit dem ~~Stempel~~/Siegel des (der)

Notars Wolfgang
Grutkowski in Köln

Bestätigt

6. am 22. OKT. 2001

5. in Köln

7. durch den Vizepräsidenten des Landgerichts Köln

8. unter Nr. 2389/01

9. Stempel/Siegel:

10. Unterschrift:

Larich

(Lariche)

